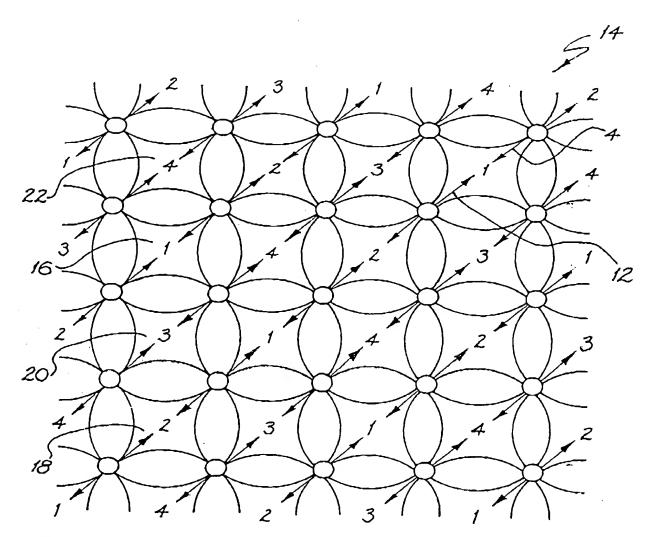
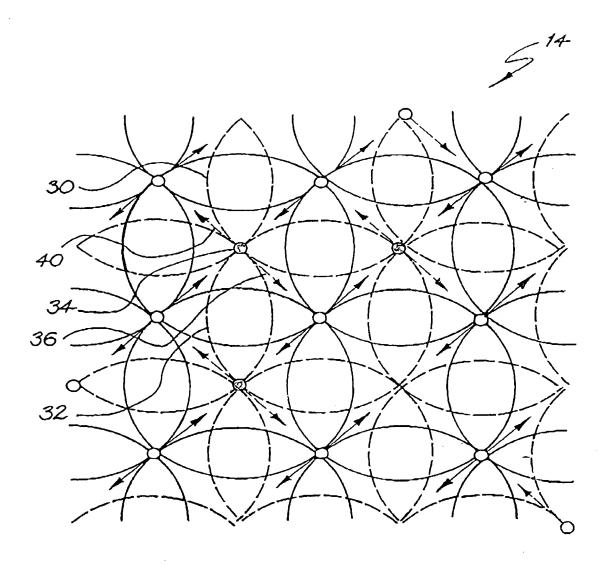


ARRAY OF CELLS FORMING A COVERAGE FOOTPRINT



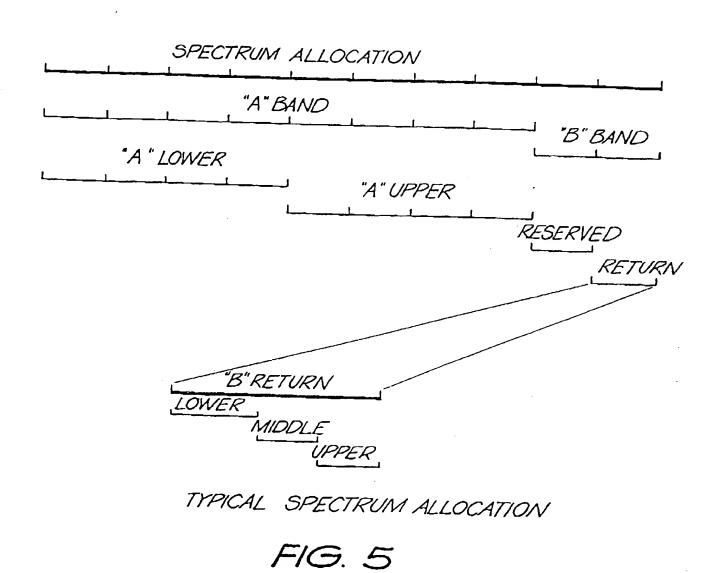
BACK TO BACK EDGE FED OVERLAID FOR DUAL COVERAGE

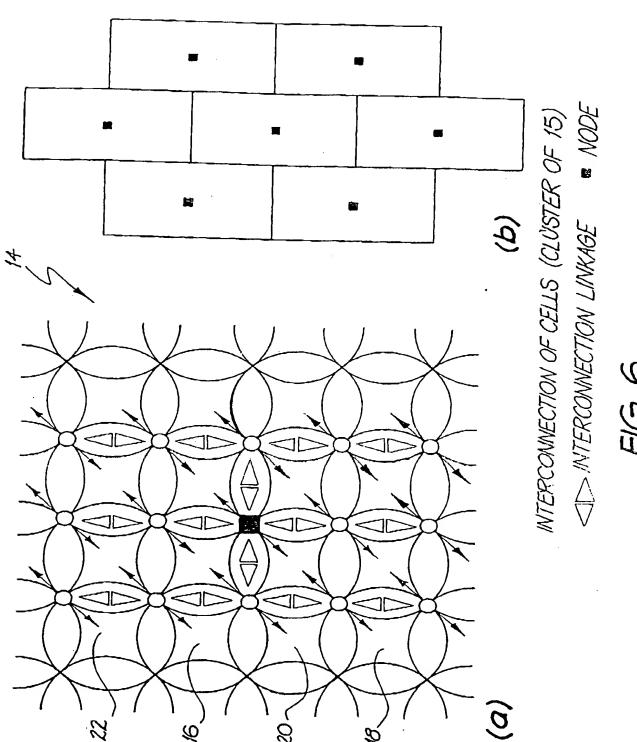
CELLS SERVICED TWICE WITH SAME FREQUENCY FREQUENCY SET (1,2,3,4)



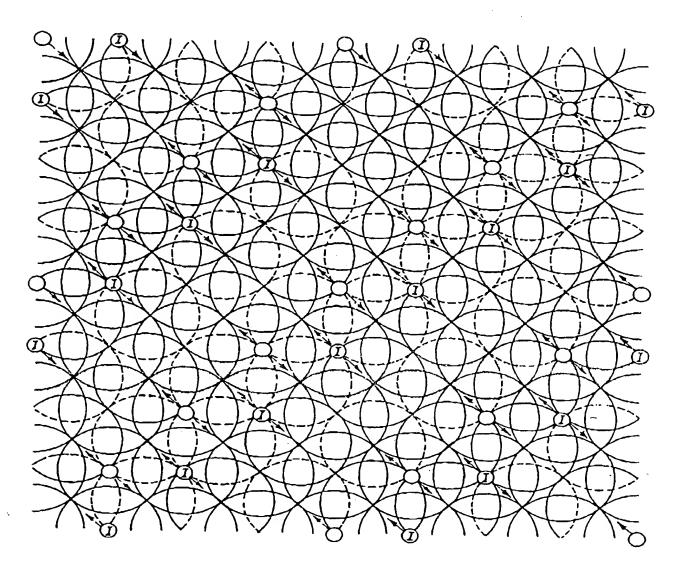
ORTHOGONAL NETWORKS (BROADCAST & BROADBAND OVERLAY)

BROADCAST BROADBAND





F1G. 6



BROADCAST NETWORK (FM MODULATION)

VERTICAL HORIZONTAL OPOLARISATION

© INDICATES HALF CHANNEL INTERLEAVED TRANSMISSIONS
FIG. 7

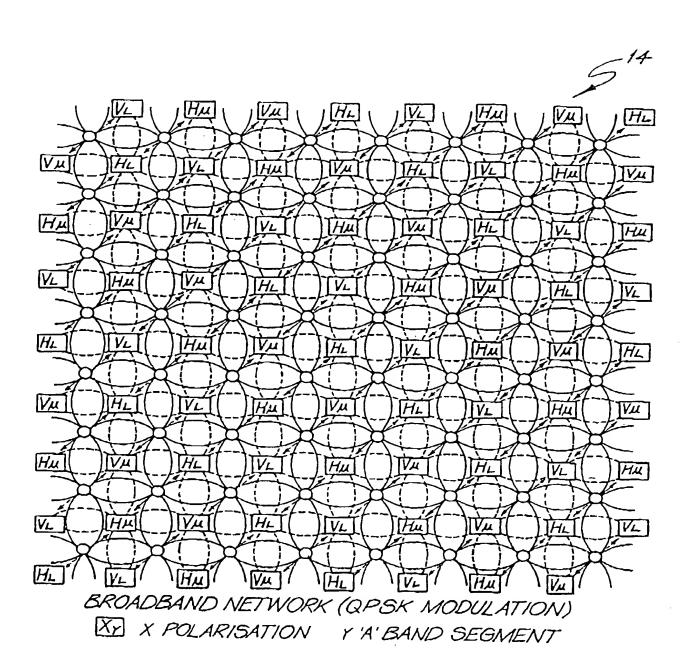
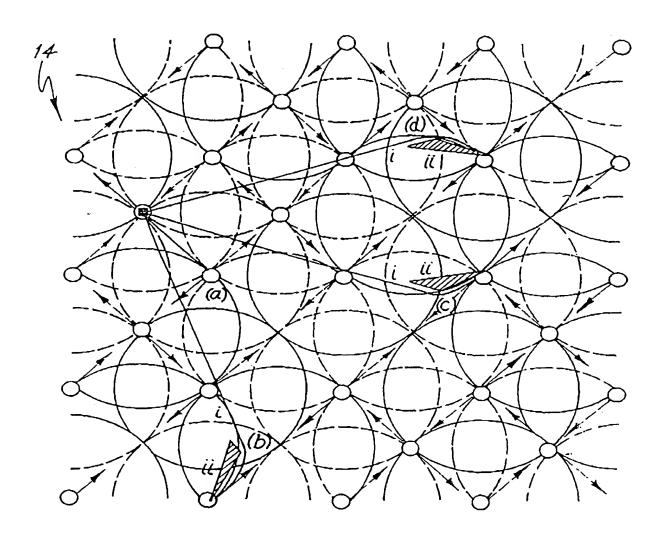


FIG. 8



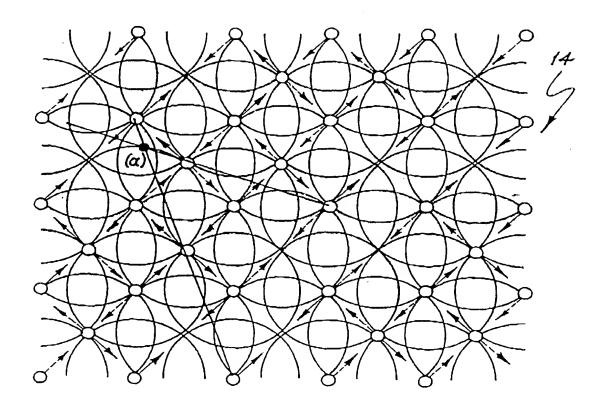
(a)

TANGENTIAL

(b) (c) (d) (DISTANCE RATIO

U. ALTERNATIVE PATH

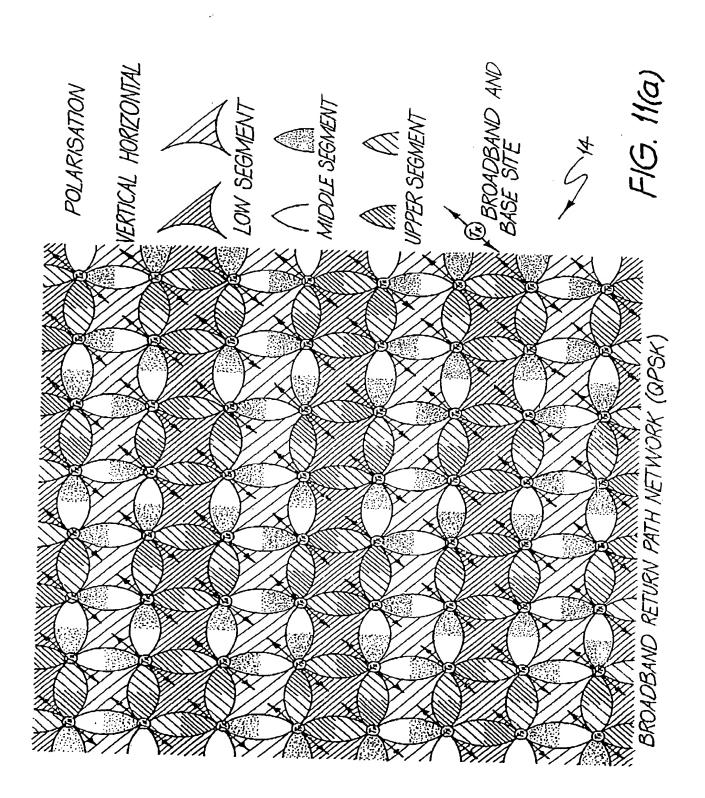
BROADCAST INTERFERENCE ON BROADBAND OUTBOUND

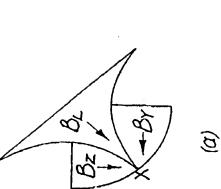


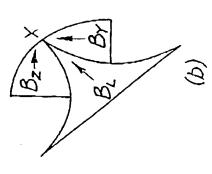
(a) AT POINT (a) THE ALTERNATIVE PATH MAY ALSO-BE UNAVAILABLE. IN SUCH AREAS MICRO-CELLS INFILLS COULD BE USED TO PROVIDE ACCESS TO SERVICES.

AT OTHER POINTS ALONG THE LINE OF INTERFERENCE THE ALTERNATIVE PATH MAY BE AVAILABLE IF REQUIRED.

BROADBAND OUTBOUND INTERFERENCE UPON BROADCAST.







X BROADBAND BASE SITE

BY, BZ APPROPRIATE MEMBER OF BM, BW SET BL, BM, BW SEGMENT OF 'B' BAND

-- RETURN PATH DIRECTION INDICATOR

ONLY ONE USE OF THE VERTA ' BASIS IF SITE X IS COMMON FOR A GIVEN BROADBAND BASE SITE SET MEMBERS OF ,

RETURN PATH TYPICAL SERVICE AREA

FIG. 11(b)

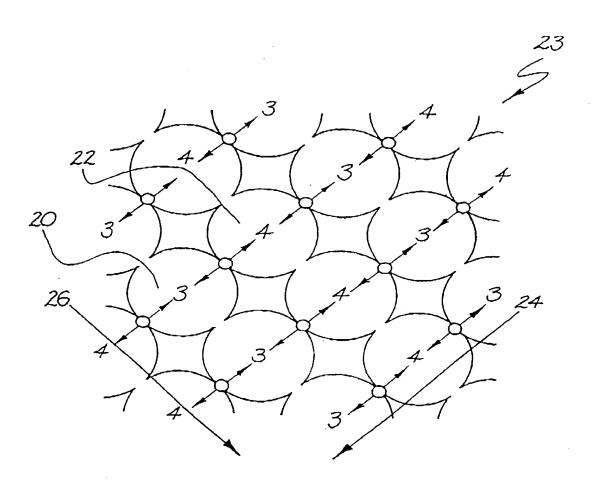


FIG. 12(a)

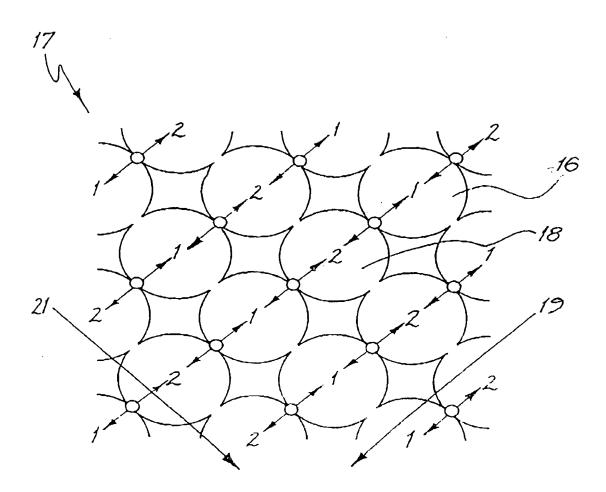


FIG. 12(b)